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LOW TEMPERATURE NUCLEAR FUSION

ABSTRACT OF THE DISCLOSURE

A method of producing energy is described. The method comprises providing a container for receiving an electrolyte composition, a cathode and an anode. An electrolyte
5 composition is formed comprising D₂O and an ionizable acid. A sufficient amount of the electrolyte composition is placed in the container to at least partially cover a cathode made from a metal selected from the group consisting of nonhydride forming metals and to at least partially cover an inert anode situated inside the container. The cathode and anode are connected to a
10 source of electricity, and a voltage is applied across the cathode and anode. The present invention can be used to reproducibly produce heat energy.